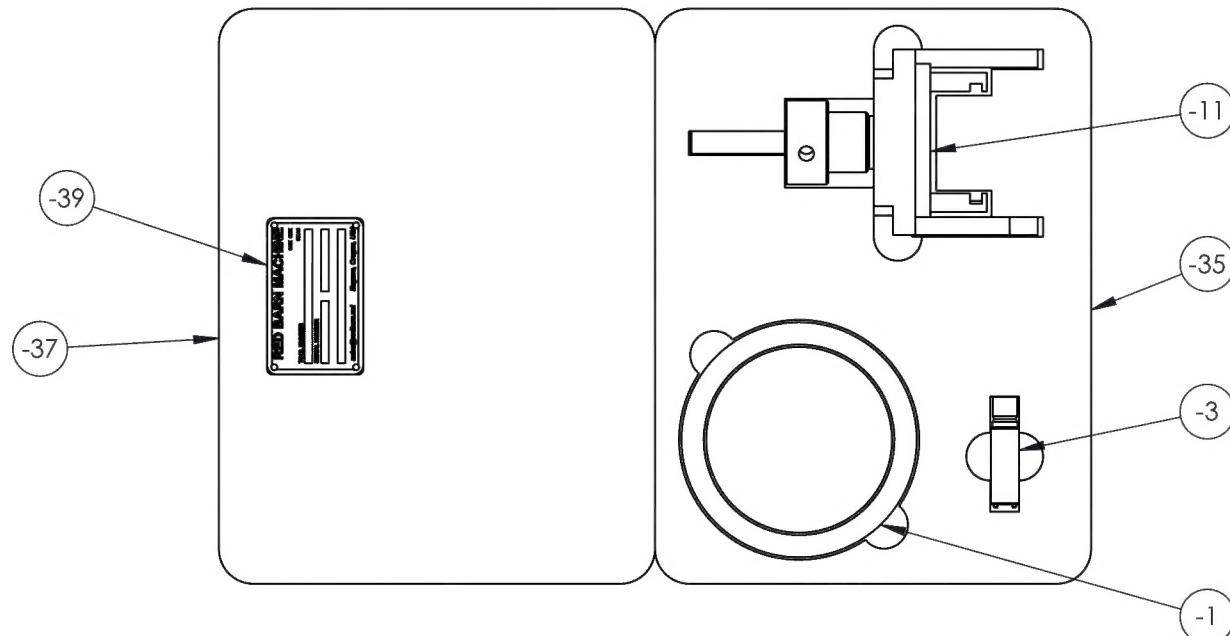


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REV				DESCRIPTION		DATE	INITIAL	APPROVED
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ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RING	6061	Ø5 X 1/4	2
X			-3	1	SOCKET WELDMENT			3
1			-5	1	BASE	4140 Q & T	Ø5/8 X 2-3/8	4
1			-7	1	SOCKET	STEEL	1/4 DRIVE 3/8 GRAINGER #6ECZ3(MODIFIED)	5
2	B/O		-9	1	DOWEL PIN	STEEL	2mm X 10mm MCMASTER-CARR #91595A026	3
X			-11	1	PULLER ASSY			6
1			-13	1	TOP	6061	1 X 1-5/8 X 4	7
1			-15	1	SIDE	6061	3/8 X 1-5/8 X 2-5/8	8
1			-17	1	SIDE 2	6061	3/8 X 1-5/8 X 2-5/8	9
1			-19	1	KNOB	6061	Ø1-7/8 X 1-7/8	10
1			-21	1	CROSS BRACE	1018	5/16 X 7/8 X 3-7/8	11
2			-23	1	ROD	STRESS PROOF	Ø1/2 X 1-1/4	12
1			-25	1	STUD	STEEL	M12 X 1.75 MCMASTER-CARR #99055A135 (MODIFIED)	13
1	B/O		-27	1	BEARING	STEEL	FAG 51102	6
4	B/O		-29	1	SOCKET HEAD CAP SCREW	STEEL	M4 x .07 X 16 MCMASTER-CARR #95263A273	6
2	B/O		-31	1	SOCKET HEAD CAP SCREW	STEEL	M4 x .7 X 12 MCMASTER-CARR #95263A260	6
	B/O		-33	1	CASE		PELICAN #APP-1400-E	NS
			-35	1	BOTTOM TOOL CUSHION	Y-20, BLACK	3.95 X 9.08 X 11.98	14
			-37	1	TOP TOOL CUSHION	C200 FLAT, BLACK	1.2 X 9.08 X 11.98	15
	B/O		-39	1	RED BARN PLACARD	ALUMINUM	RB41009	NS

 RED BARN MACHINE

TITLE FUEL CARTRIDGE PULLER

DWG NO. RBEGM-745-064

REV

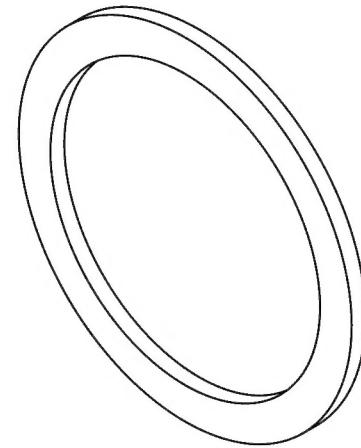
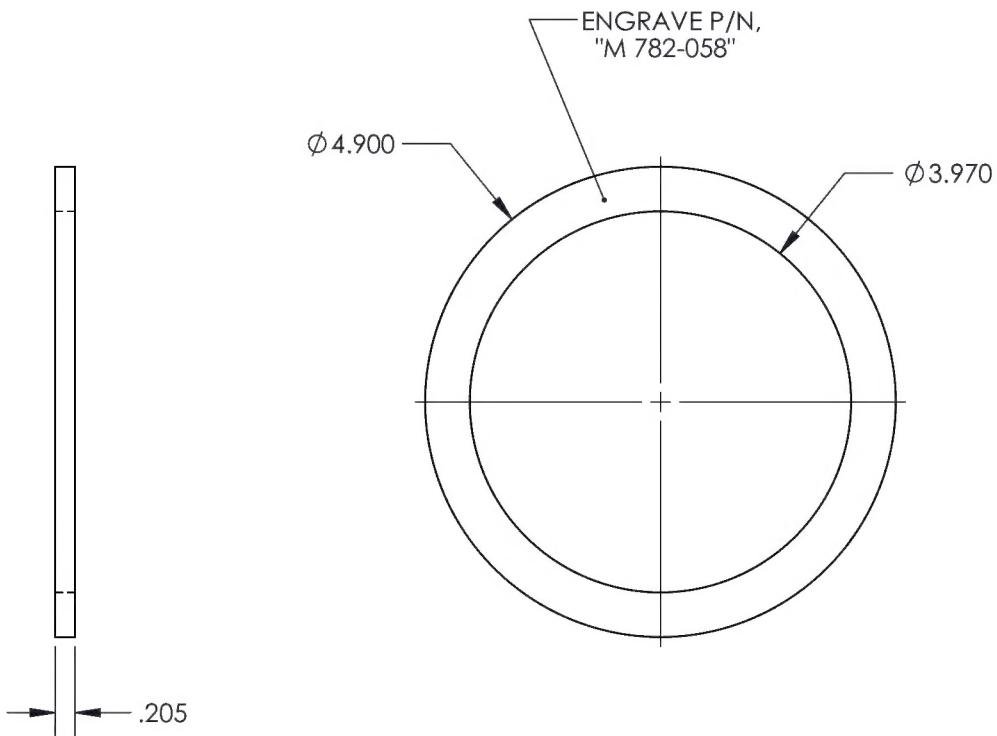
MATTL DRAWN BY: GILBERT

D Weil

UNLESS OTHERWISE SPECIFIED	APPROVED
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
XX ± .01	ANGLES ± .5°
X ± .1	
1. BREAK ALL SHARP EDGES .015 X 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
	USED ON MODEL
	EC135
SCALE 1:4	DATE 5/3/2012
	SHEET 1 OF 15

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REV	DESCRIPTION	DATE	INITIAL APPROVED

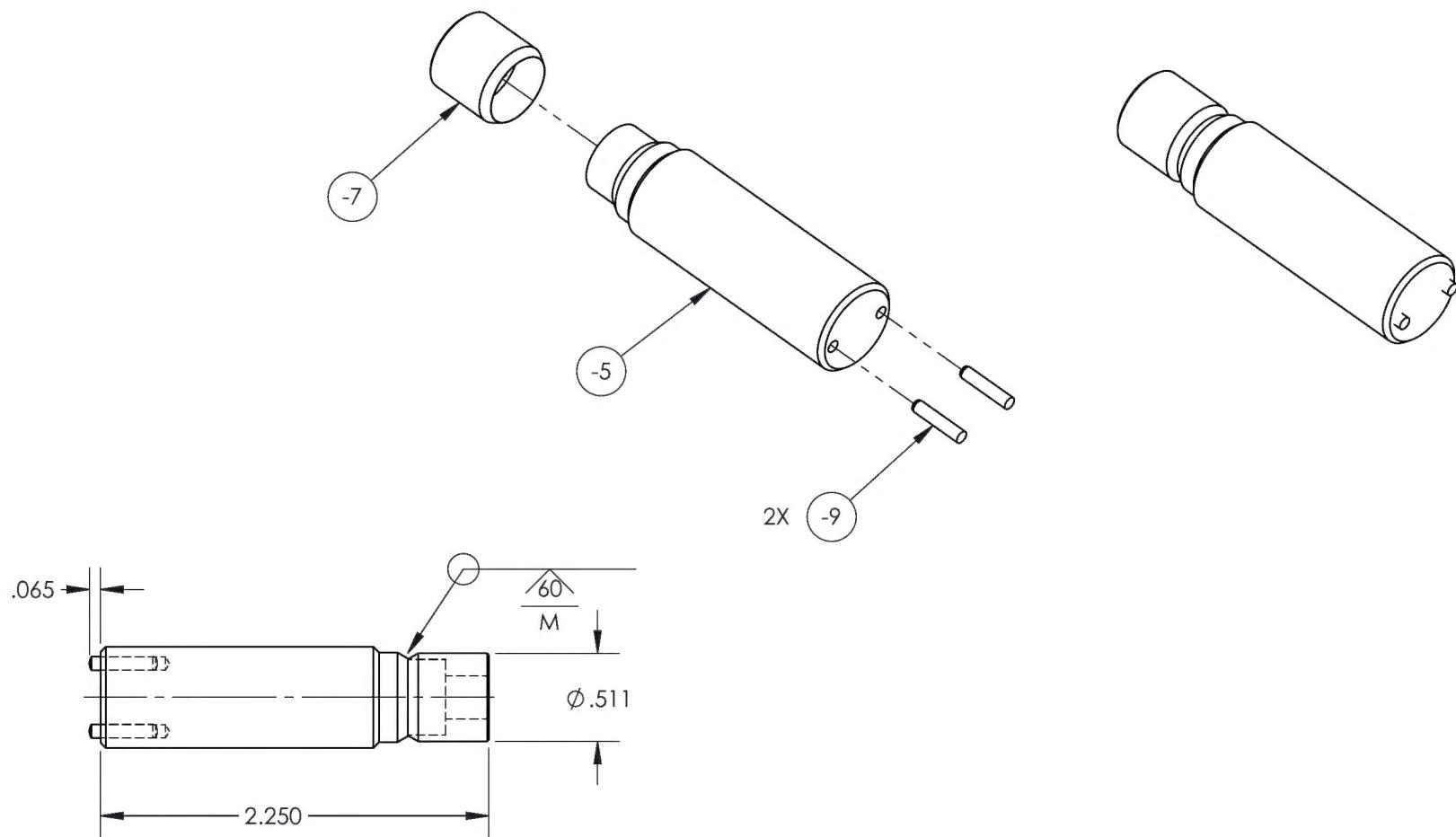


-1  
RING

RED BARN MACHINE	
TITLE	FUEL CARTRIDGE PULLER
DWG NO.	RBEGM-745-064-1
MATL	6061
DRAWN BY:	GILBERT
APPROVED	D Weil
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
	SPEC MIL-A-8625F, TYPE II, CLASS I
	USED ON MODEL
	EC135
SCALE	1:4
DATE	4/4/2012
SHEET 2 OF 15	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED

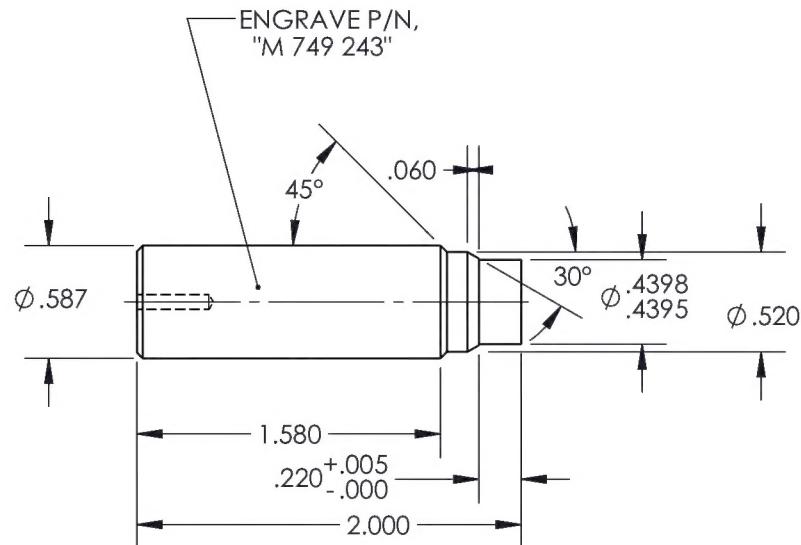
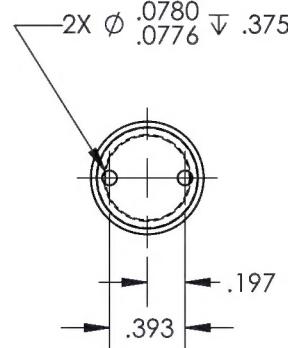
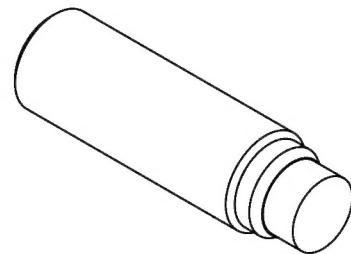


(3)  
SOCKET WELDMENT

RED BARN MACHINE	
TITLE	FUEL CARTRIDGE PULLER
DWG NO.	RBEGM-745-064-3
MATL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± .5° .X ± .1	APPROVED <i>D. Weil</i>
HEAT TREAT	
FINISH CAD PLATE YELLOW	
SPEC	
USED ON MODEL	
EC135	
SCALE 1:4	DATE 4/4/2012
SHEET 3 OF 15	

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REV	DESCRIPTION	DATE	INITIAL	APPROVED



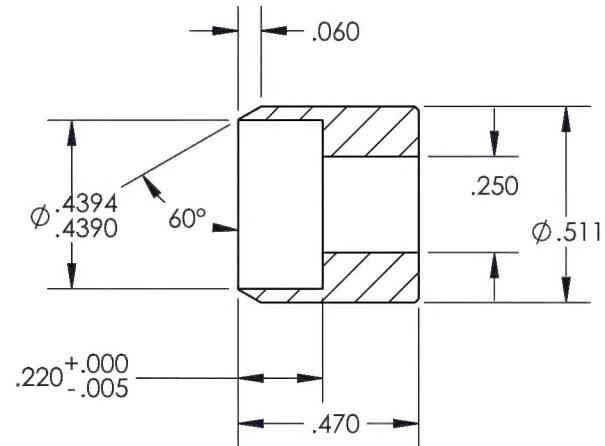
(-5)

BASE

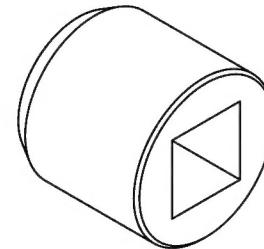
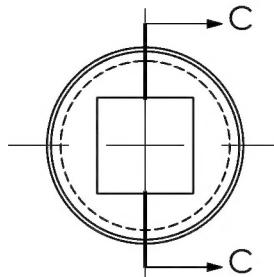
 <b>RED BARN MACHINE</b>	
<b>TITLE</b>	<b>FUEL CARTRIDGE PULLER</b>
<b>DWG NO.</b>	<b>RBEGM-745-064-5</b>
<b>MATL</b>	<b>4140 Q &amp; T</b>
<b>DRAWN BY:</b>	<b>GILBERT</b>
<b>APPROVED</b>	<b>D Weil</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>DIMENSIONS ARE IN INCHES</b>
<b>.XXX ± .005</b>	<b>FRACTIONS ± 1/32</b>
<b>.XX ± .01</b>	<b>ANGLES ± .5°</b>
<b>.X ± .1</b>	
<b>1. BREAK ALL SHARP EDGES .015 x 45°</b>	<b>OR .015R</b>
<b>2. DIMENSIONAL LIMITS APPLY AFTER</b>	<b>PLATING</b>
<b>SCALE</b>	<b>1:1</b>
<b>DATE</b>	<b>4/4/2012</b>
<b>SHEET</b>	<b>4 OF 15</b>

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



SECTION C-C



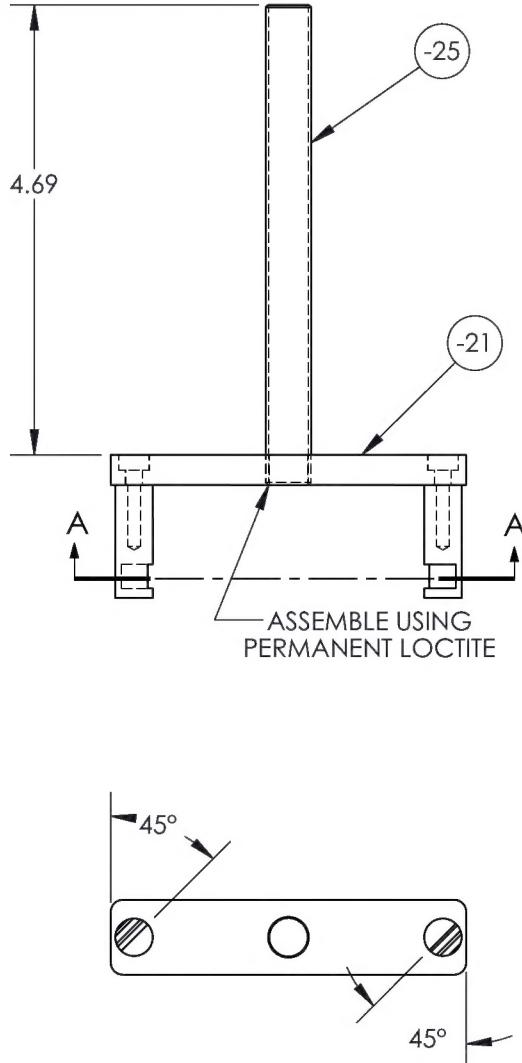
(-7)  
SOCKET

NOTE:  
REMOVE ALL MANUFACTURE PART MARKINGS.

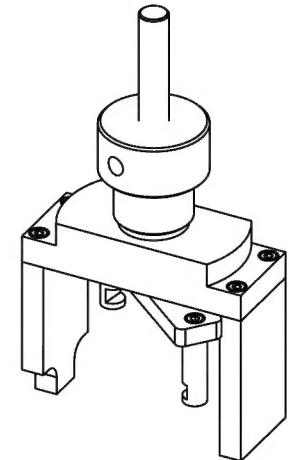
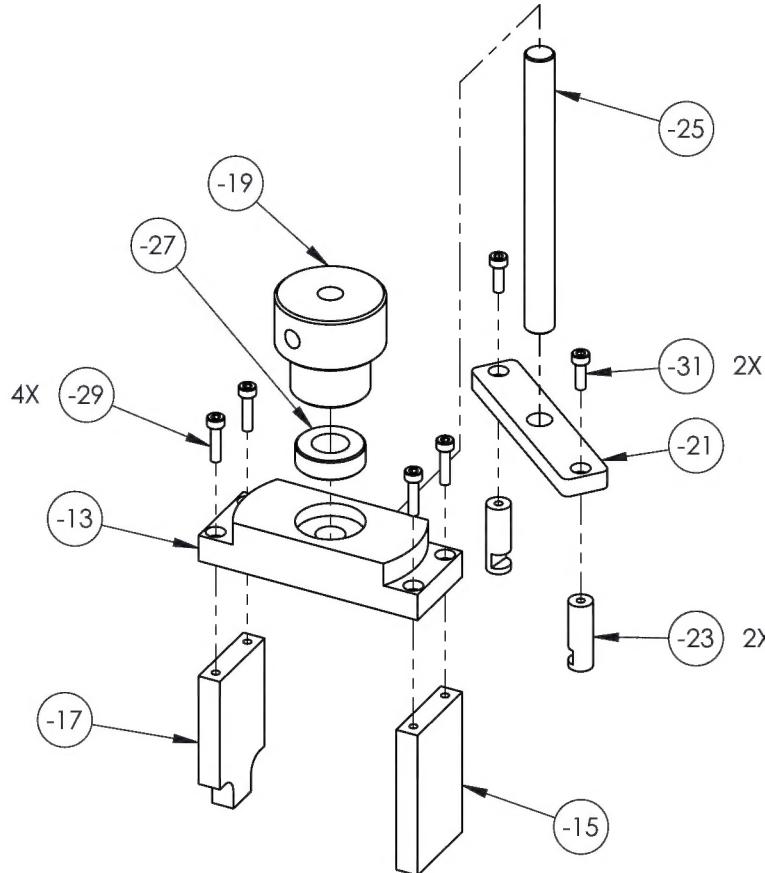
	RED BARN MACHINE	
TITLE	FUEL CARTRIDGE PULLER	
DWG NO.	RBEGM-745-064-7	REV
MATL. STEEL	DRAWN BY: GILBERT	APPROVED <i>D Weil</i>
UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN INCHES		
.XXX ± .005	FRACTIONS ± 1/32	HEAT
.XX ± .01		TREAT
.X ± .1	ANGLES ± .5°	FINISH
1. BREAK ALL SHARP EDGES .015 x 45°		SPEC
OR .015R		USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER		EC135
PLATING		
SCALE 2:1	DATE 12/14/2012	SHEET 5 OF 15

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REV		DESCRIPTION		DATE	INITIAL	APPROVED
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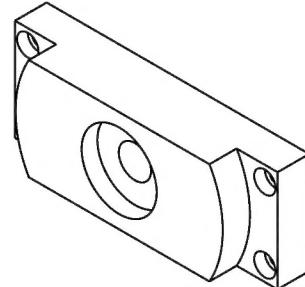
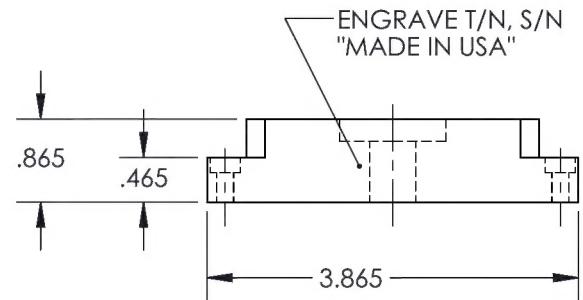
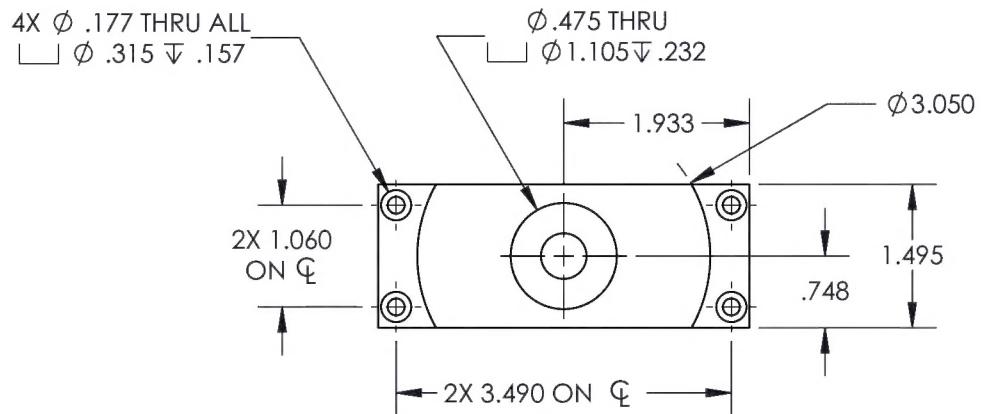
SECTION A-A  
SCALE 1 : 2



TITLE	RED BARN MACHINE	
	FUEL CARTRIDGE PULLER	
DWG NO.	RBEGM-745-064-11	REV
MATL	DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± .5° .X ± .1	APPROVED	D Weil
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC	
	USED ON MODEL	
	EC135	
SCALE	1:3	DATE 5/2/2012
		SHEET 6 OF 15

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REV				DESCRIPTION	DATE	INITIAL	APPROVED
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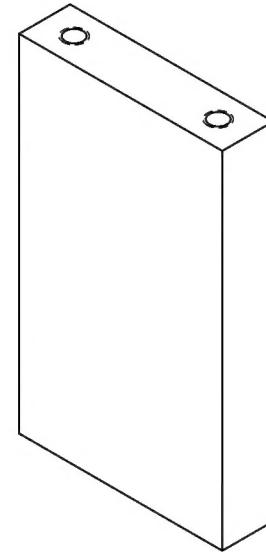
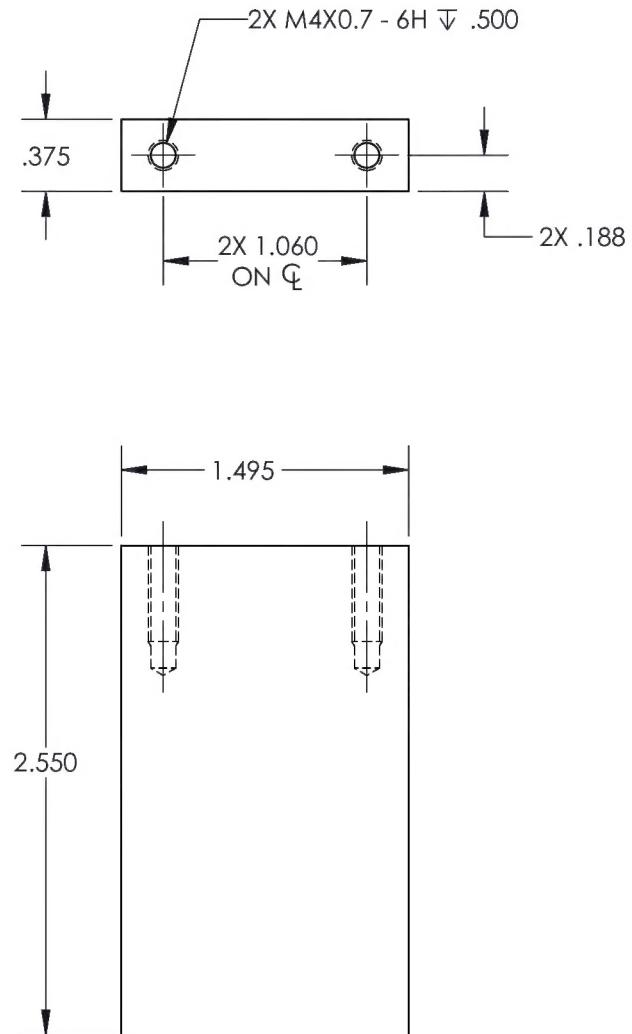
-13

TOP

 <b>RED BARN MACHINE</b>	
TITLE	
DWG NO.	<b>RBEGM-745-064-13</b>
MATL	6061
DRAWN BY:	GILBERT
APPROVED	<i>D. Weil</i>
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
USED ON MODEL	
EC135	
SCALE	1:2
DATE	4/4/2012
SHEET	7 OF 15

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REV				DESCRIPTION	DATE	INITIAL	APPROVED
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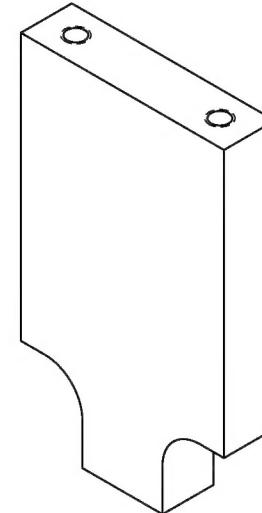
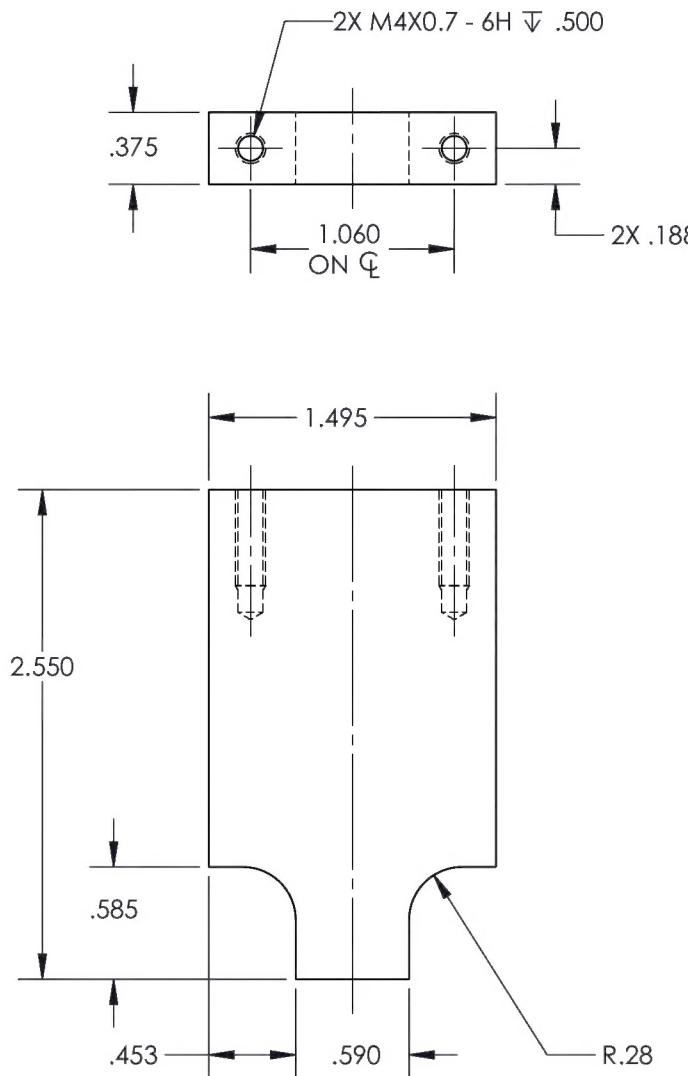
-15

SIDE

	RED BARN MACHINE	
TITLE	FUEL CARTRIDGE PULLER	
DWG NO.	RBEGM-745-064-15	REV
MATL	6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED	APPROVED	
DIMENSIONS ARE IN INCHES	HEAT	
.XXX ± .005	TREAT	
.XX ± .01	FINISH	CLEAR ANODIZE
.X ± .1	SPEC	MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45°	USED ON MODEL	
OR .015R	EC135	
2. DIMENSIONAL LIMITS APPLY AFTER		
PLATING		
SCALE	1:1	DATE
		4/4/2012
		SHEET 8 OF 15

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REVISONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED



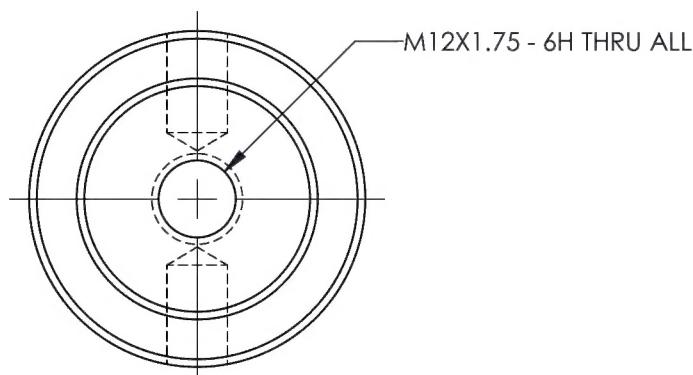
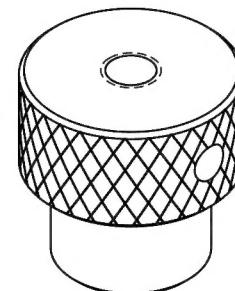
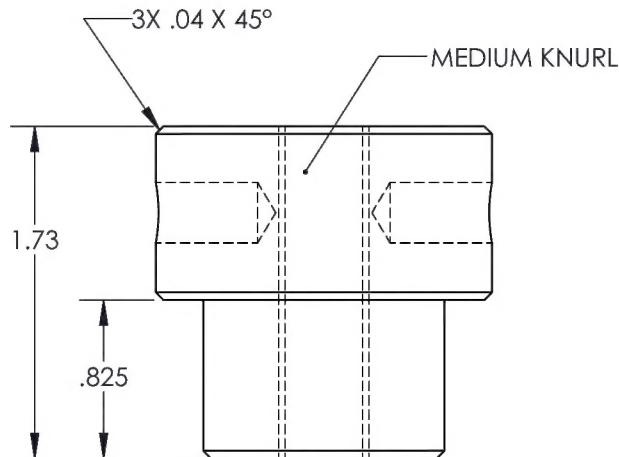
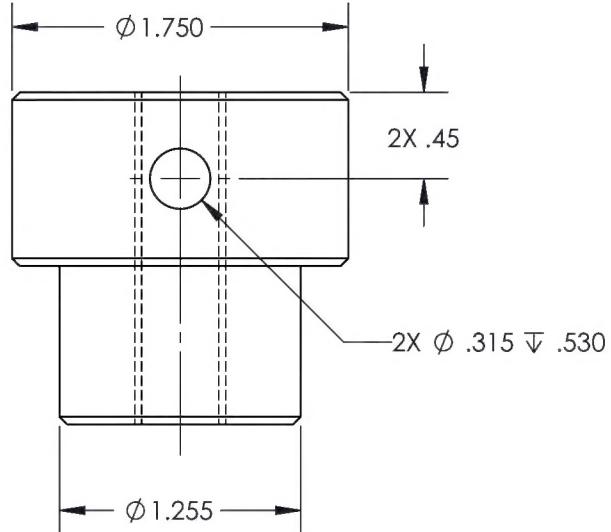
-17

SIDE 2

 <b>RED BARN MACHINE</b> <b>FUEL CARTRIDGE PULLER</b>	TITLE	REV	
		DWG NO.	RBEGM-745-064-17
MATL	6061	DRAWN BY:	GILBERT <i>D. Weil</i>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± .5° .X ± .1		APPROVED	<i>D. Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		HEAT TREAT FINISH	CLEAR ANODIZE
		SPEC	MIL-A-8625F, TYPE II, CLASS I
		USED ON MODEL	EC135
SCALE	1:1	DATE	4/4/2012
			SHEET 9 OF 15

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REV				DESCRIPTION		DATE	INITIAL	APPROVED
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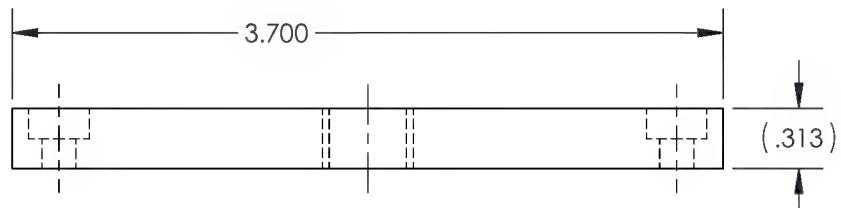
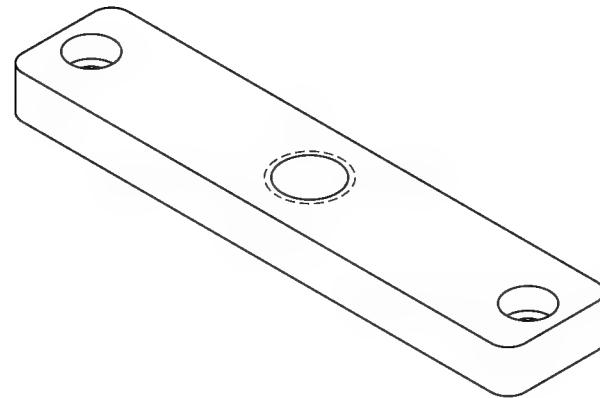
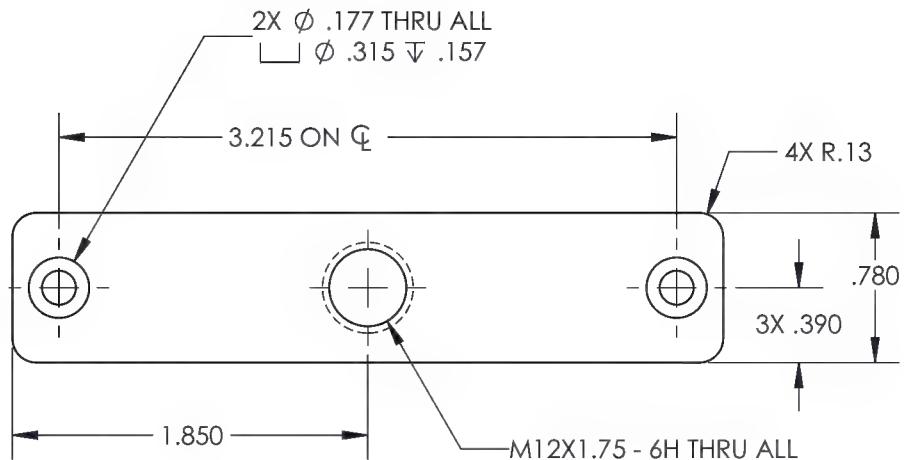
-19

KNOB

 <b>RED BARN MACHINE</b>	
TITLE	
FUEL CARTRIDGE PULLER	
DWG NO. RBEGM-745-064-19 REV	
MATERIAL 6061 DRAWN BY: GILBERT	
APPROVED <i>D. Weil</i>	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/32	
.XX ± .01 ANGLES ± .5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT	
FINISH CLEAR ANODIZE	
SPEC MIL-A-8625F, TYPE II, CLASS I	
USED ON MODEL	
EC135	
SCALE 1:1	DATE 4/4/2012
SHEET 10 OF 15	

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REV	DESCRIPTION	DATE	INITIAL APPROVED

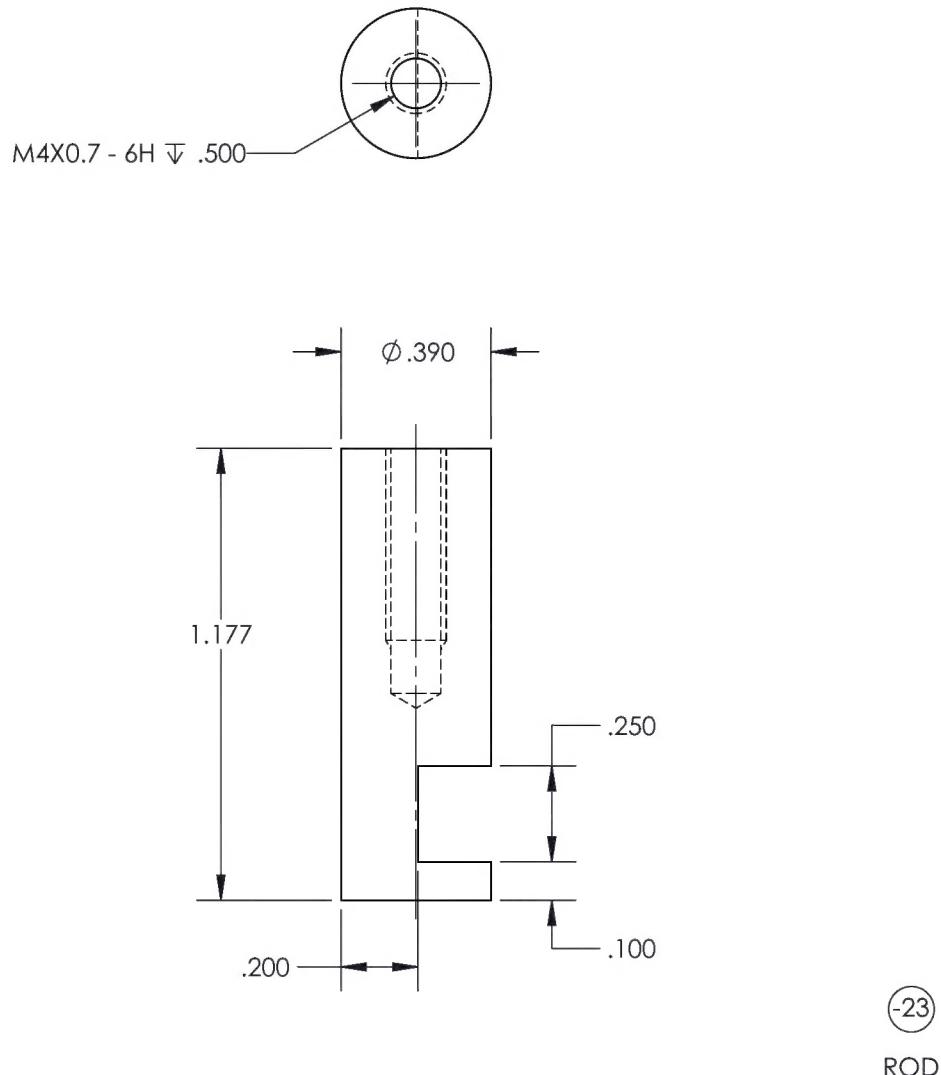


(-21)  
CROSS BRACE

 <b>RED BARN MACHINE</b>	
<b>TITLE</b>	<b>FUEL CARTRIDGE PULLER</b>
<b>DWG NO.</b>	<b>RBEGM-745-064-21</b>
<b>MATL</b>	<b>1018</b>
<b>DRAWN BY:</b>	<b>GILBERT</b>
<b>APPROVED</b>	<b>D Weil</b>
<b>UNLESS OTHERWISE SPECIFIED</b>	<b>DIMENSIONS ARE IN INCHES</b>
<b>.XXX ± .005</b>	<b>FRACTIONS ± 1/32</b>
<b>.XX ± .01</b>	<b>ANGLES ± .5°</b>
<b>.X ± .1</b>	
<b>1. BREAK ALL SHARP EDGES .015 x 45°</b>	<b>OR .015R</b>
<b>2. DIMENSIONAL LIMITS APPLY AFTER</b>	<b>PLATING</b>
<b>USED ON MODEL</b>	<b>EC135</b>
<b>SCALE</b>	<b>1:1</b>
<b>DATE</b>	<b>5/2/2012</b>
<b>SHEET</b>	<b>11 OF 15</b>

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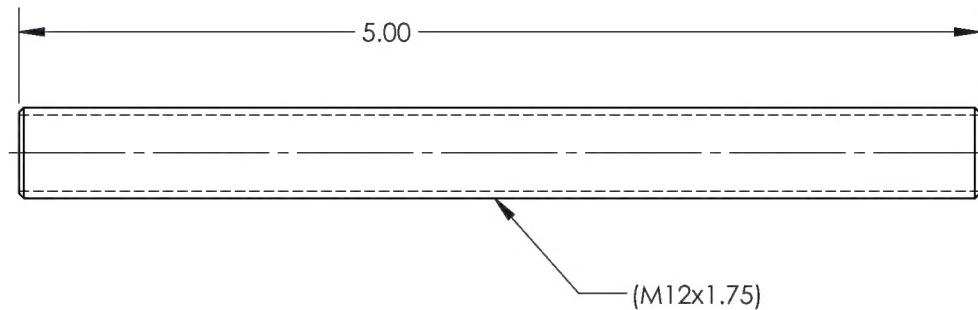
REVISONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED



	<b>RED BARN MACHINE</b>
TITLE	<b>FUEL CARTRIDGE PULLER</b>
DWG NO.	<b>RBEGM-745-064-23</b>
MATL	<b>STRESS PROOF</b>
UNLESS OTHERWISE SPECIFIED	<b>APPROVED</b>
DIMENSIONS ARE IN INCHES	<i>D Weil</i>
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SCALE	1:1
DATE	5/2/2012
SHEET	12 OF 15

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REV	DESCRIPTION	DATE	INITIAL	APPROVED



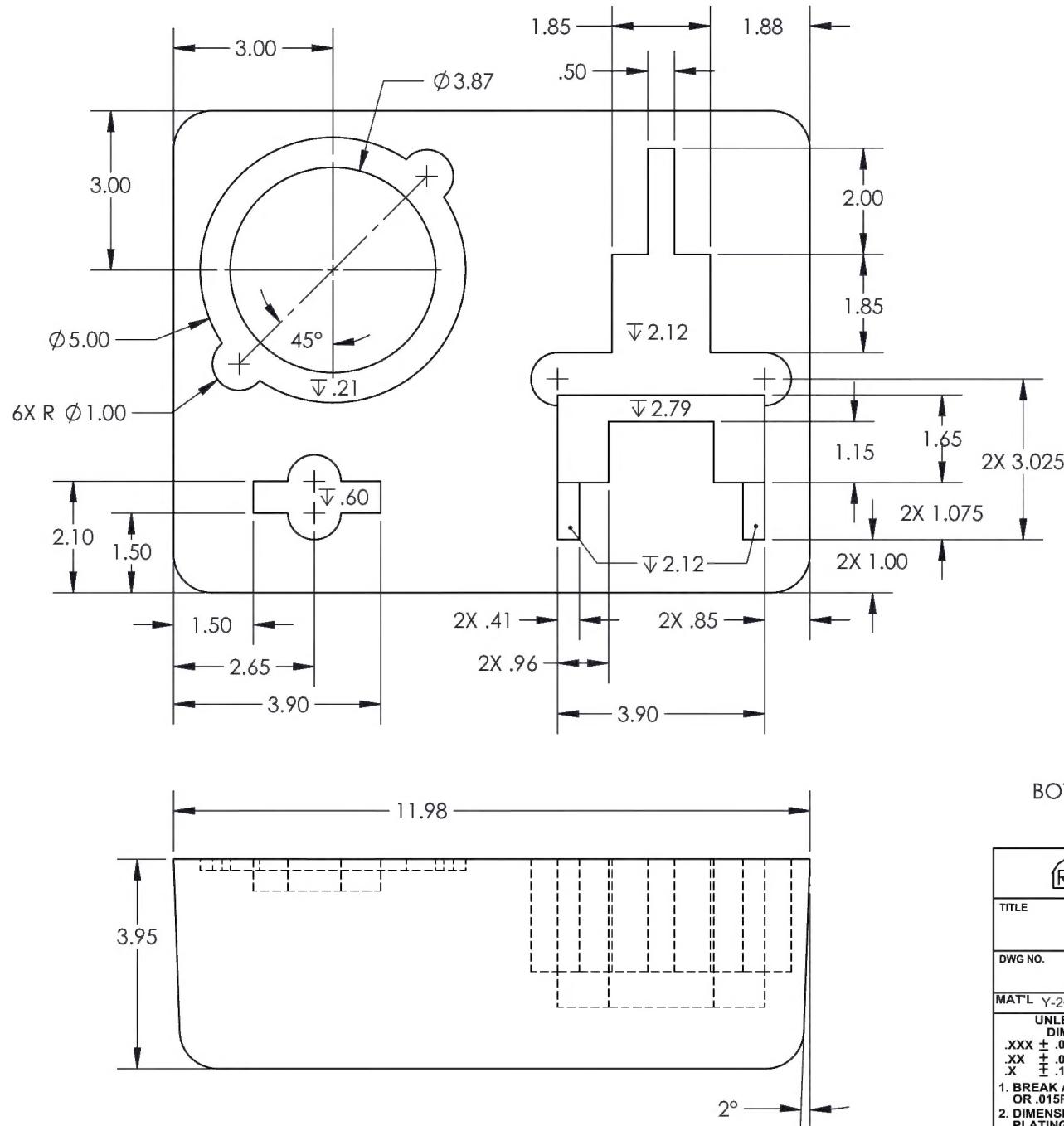
(-25)

STUD

 RED BARN MACHINE	
TITLE FUEL CARTRIDGE PULLER	
DWG NO. RBEGM-745-064-25	REV
MATL. STEEL	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D. Weil</i>
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH BLACK OXIDE
	SPEC
	USED ON MODEL
	EC135
SCALE 1:1	DATE 4/4/2012
SHEET 13 OF 15	

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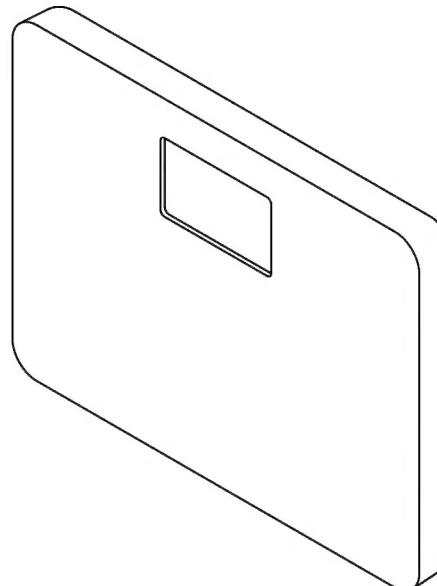
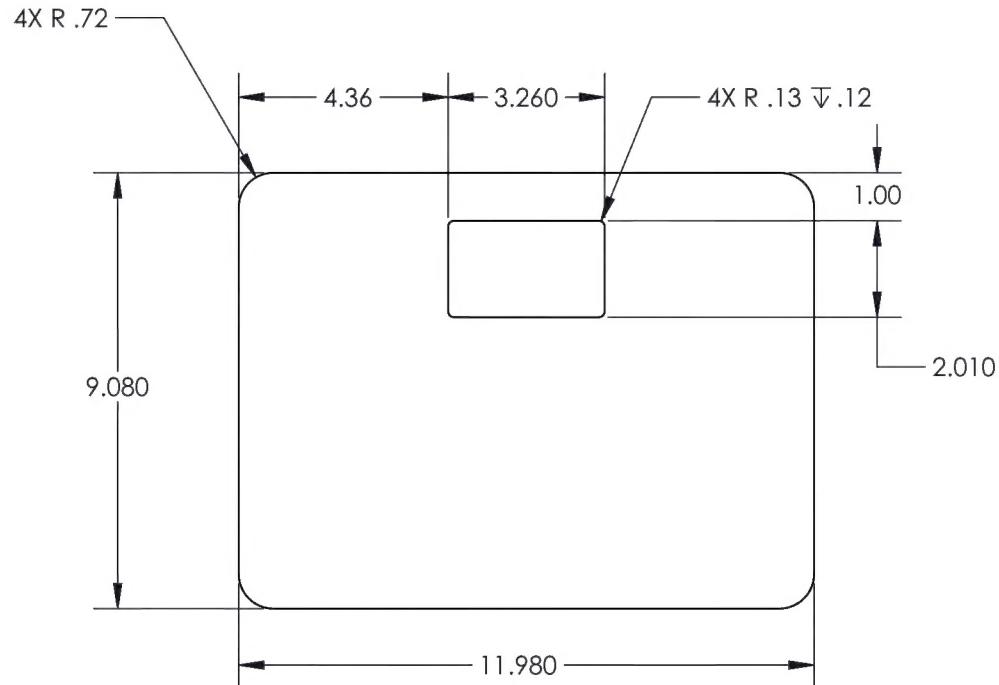
## RED BARN MACHINE

### FUEL CARTRIDGE PULLER

DWG NO.	RBEGM-745-064-35	
MATL	Y-20, BLACK	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED		APPROVED <i>D. Weil</i>
DIMENSIONS ARE IN INCHES		HEAT
.XXX ± .005	FRACTIONS ± 1/32	TREAT
.XX ± .01	ANGLES ± .5°	FINISH
.X ± .1		SPEC
1. BREAK ALL SHARP EDGES .015 x 45°		USED ON MODEL
OR .015R		EC135
2. DIMENSIONAL LIMITS APPLY AFTER		
PLATING		
SCALE	1:3	DATE 5/3/2012
		SHEET 14 OF 15

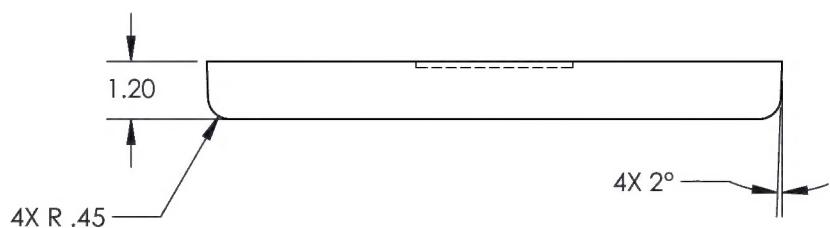
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REV				DESCRIPTION		DATE	INITIAL	APPROVED
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(-37)

TOP TOOL CUSHION



<b>RB</b> RED BARN MACHINE	
TITLE	FUEL CARTRIDGE PULLER
DWG NO.	RBEGM-745-064-37
MATL	C200 FLAT, BLACK
DRAWN BY:	GILBERT
UNLESS OTHERWISE SPECIFIED	APPROVED
DIMENSIONS ARE IN INCHES	<i>D Weil</i>
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± .5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45°	
OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SCALE	1:4
DATE	5/3/2012
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